# BRUHAT BANGLORE MAHANAGARA PALIKE

## DASARAHALLI-ZONE
## T.DASARAHALLI SUB-DIVISION

**Name of Work:** Construction of Public Sitting flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn. Aralikatty & Mutturaya Katty 12th cross in Bagalagunte Ward No.14

Est Cost: 50.00 Lakhs

Head Of Account - POW

P-Code. 1771

# Bruhat Bengaluru Mahanagara Palike,Dasarahalli Zone.

## Construction of Public Sitting flatform of Karekallu, Sidedahalli, Manjunatha Nagara , BTS Extn. Aralikatty & Mutturaya Katty 12th cross in Bagalagunte Ward No.14

| Sl No | Description of Item | Unit | No | L | B | D | Est cost 50.00 Lakhs Qty | Rate | Amt |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in Ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications.(P 142/1.19.1 SR 2016-17) | | | | | | | | |
| | | Cum | | | | | | | |
| | **Long wall** | | | | | | | | |
| | Karekallu | | 1 | 13.00 | 0.90 | 0.80 | 9.36 | | |
| | Manjunatha Nagara | | 1 | 12.00 | 0.90 | 0.80 | 8.64 | | |
| | BTS Extention | | 1 | 8.50 | 0.90 | 0.80 | 6.12 | | |
| | Muthurayanakatte | | 1 | 11.00 | 0.90 | 0.80 | 7.92 | | |
| | Bhuvaneswary Nagara | | 1 | 12.00 | 0.90 | 0.80 | 8.64 | | |
| | Sidedahalli | | 1 | 20.00 | 0.90 | 0.80 | 14.40 | | |
| | **Short wall** | | | | | | | | |
| | Karekallu | | 1 | 8.00 | 0.90 | 0.80 | 5.76 | | |
| | Manjunatha Nagara | | 1 | 7.60 | 0.90 | 0.80 | 5.47 | | |
| | BTS Extention | | 1 | 6.75 | 0.90 | 0.80 | 4.86 | | |
| | Muthurayanakatte | | 1 | 5.10 | 0.90 | 0.80 | 3.67 | | |
| | Bhuvaneswary Nagara | | 1 | 9.00 | 0.90 | 0.80 | 6.48 | | |
| | Sidedahalli | | 1 | 6.40 | 0.90 | 0.80 | 4.61 | | |
| | | | | | | | **85.90** | **137.80** | **11837.0** |
| | Basic rate | 130.00 | | | | | | | |
| | Add Area weightage 6% | 7.80 | | | | | | | |
| | | 137.80 | | | | | | | |
| 2 | Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications (P 27/18 SR 2016-17) | | | | | | | | |
| | | Cum | | | | | | | |
| | **Long wall** | | | | | | | | |
| | Karekallu | | 1 | 13.00 | 0.90 | 0.20 | 2.34 | | |
| | Manjunatha Nagara | | 1 | 12.00 | 0.90 | 0.20 | 2.16 | | |
| | BTS Extention | | 1 | 8.50 | 0.90 | 0.15 | 1.15 | | |
| | Muthurayanakatte | | 1 | 11.00 | 0.90 | 0.20 | 1.98 | | |
| | Bhuvaneswary Nagara | | 1 | 12.00 | 0.90 | 0.15 | 1.62 | | |
| | Sidedahalli | | 1 | 20.00 | 0.90 | 0.15 | 2.70 | | |
| | **Short wall** | | | | | | | | |

| | Description of Item | Unit | No | L | B | D | Qty | Rate | Amt |
|---|---|---|---|---|---|---|---|---|---|
| | Karekallu | | 1 | 8.00 | 0.90 | 0.20 | 1.44 | | |
| | Manjunatha Nagara | | 1 | 7.60 | 0.90 | 0.20 | 1.37 | | |
| | BTS Extention | | 1 | 6.75 | 0.90 | 0.15 | 0.91 | | |
| | Muthurayanakatte | | 1 | 5.10 | 0.90 | 0.20 | 0.92 | | |
| | Bhuvaneswary Nagara | | 1 | 9.00 | 0.90 | 0.15 | 1.22 | | |
| | Sidedahalli | | 1 | 6.40 | 0.90 | 0.15 | 0.86 | | |
| | **Wall side** | | | | | | | | |
| | Karekallu | | 1 | 6.00 | 0.70 | 0.10 | 0.42 | | |
| | | | | | | | **19.09** | **5421.90** | **103504** |
| | Basic rate | 5115.00 | | | | | | | |
| | Add Area weightage 6% | 306.90 | | | | | | | |
| | | 5421.90 | | | | | | | |
| 3 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification (P 37/59.2 SR 2016-17) | | | | | | | | |
| | | Cum | | | | | | | |
| | **Column** | | | | | | | | |
| | Karekallu | | 6 | 0.90 | 0.45 | 1.80 | 4.37 | | |
| | Manjunatha Nagara | | 4 | 0.90 | 0.45 | 1.80 | 2.92 | | |
| | BTS Extention | | 4 | 0.90 | 0.45 | 1.80 | 2.92 | | |
| | Muthurayanakatte | | 6 | 0.90 | 0.45 | 1.20 | 2.92 | | |
| | Bhuvaneswary Nagara | | 6 | 0.90 | 0.45 | 1.20 | 2.92 | | |
| | Sidedahalli | | 6 | 0.90 | 0.45 | 1.70 | 4.13 | | |
| | | | | | | | 20.17 | | |
| | **Long wall** | | | | | | | | |
| | Karekallu | | 2 | 13.00 | 0.30 | 1.80 | 14.04 | | |
| | Manjunatha Nagara | | 2 | 12.00 | 0.30 | 1.80 | 12.96 | | |
| | BTS Extention | | 2 | 8.50 | 0.30 | 1.80 | 9.18 | | |
| | Muthurayanakatte | | 2 | 11.00 | 0.30 | 1.20 | 7.92 | | |
| | Bhuvaneswary Nagara | | 2 | 12.00 | 0.30 | 1.20 | 8.64 | | |
| | Sidedahalli | | 2 | 20.00 | 0.30 | 1.70 | 20.40 | | |
| | | | | | | | 73.14 | | |
| | **Short wall** | | | | | | | | |
| | Karekallu | | 2 | 8.00 | 0.30 | 1.80 | 8.64 | | |
| | Manjunatha Nagara | | 2 | 7.60 | 0.30 | 1.80 | 8.21 | | |
| | BTS Extention | | 2 | 6.75 | 0.30 | 1.80 | 7.29 | | |
| | Muthurayanakatte | | 2 | 5.10 | 0.30 | 1.20 | 3.67 | | |
| | Bhuvaneswary Nagara | | 2 | 9.00 | 0.30 | 1.20 | 6.48 | | |
| | Sidedahalli | | 2 | 6.40 | 0.30 | 1.70 | 6.53 | | |
| | | | | | | | 40.82 | | |

| | Description of Item | Unit | No | L | B | D | Qty | Rate | Amt |
|---|---|---|---|---|---|---|---|---|---|
| | **Wall side** | | | | | | | | |
| | Karekallu | | 1 | 13.00 | 0.80 | 0.20 | 2.08 | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | **136.10** | **7070.20** | **962254** |
| | Basic rate | 6670.00 | | | | | | | |
| | Add Area weightage 6% | 400.20 | | | | | | | |
| | | 7070.20 | | | | | | | |
| | | | | | | | | | |
| 4 | Supplying, fitting and placing TMT bar Fe 500 reinforcement in sub-structure complete as per drawing and Technical Specifications complete as per specificationsMORTH Specification No.1600 & 2200 (P 229 SR 2016-17) | | | | | | | | |
| | **Wall side** | MT | | | | | | | |
| | | Qty as vide Item No | | 136.10 | 80.00 | kg/ Cum | 10888.00 | | |
| | | | | | | | **10.89** | **72326.98** | **787496** |
| | Basic rate | 68233.00 | | | | | | | |
| | Add Area weightage 6% | 4093.98 | | | | | | | |
| | | 72326.98 | | | | | | | |
| | | | | | | | | | |
| 5 | Providing and laying flooring and steps machine cut granite slabs 40mm thick on cement mortar bed 1:6, 25 mm thick, and pointed with cement mortar 1:3 over existing cement concrete bed, including cost of materials, labour, curing complete as per specifications. Specification (P 101/14.3 SR 2016-17) | | | | | | | | |
| | | Sqm | | | | | | | |
| | **Long wall** | | | | | | | | |
| | Karekallu | | 2 | 13.00 | 1.75 | | 45.50 | | |
| | Manjunatha Nagara | | 2 | 12.00 | 1.50 | | 36.00 | | |
| | BTS Extention | | 2 | 8.50 | 1.80 | | 30.60 | | |
| | Muthurayanakatte | | 2 | 11.00 | 1.80 | | 39.60 | | |
| | Bhuvaneswary Nagara | | 2 | 12.00 | 1.50 | | 36.00 | | |
| | Sidedahalli | | 2 | 20.00 | 1.50 | | 60.00 | | |
| | | | | | | | 247.70 | | |
| | **Short wall** | | | | | | | | |
| | Karekallu | | 2 | 8.00 | 1.75 | | 28.00 | | |
| | Manjunatha Nagara | | 2 | 7.60 | 1.50 | | 22.80 | | |
| | BTS Extention | | 2 | 6.75 | 1.80 | | 24.30 | | |
| | Muthurayanakatte | | 2 | 5.10 | 1.80 | | 18.36 | | |
| | Bhuvaneswary Nagara | | 2 | 9.00 | 1.40 | | 25.20 | | |
| | Sidedahalli | | 2 | 6.40 | 1.50 | | 19.20 | | |
| | | | | | | | 137.86 | | |
| | **Top covering** | | | | | | | | |
| | Karekallu | | 1 | 13.00 | 8.00 | | 104.00 | | |
| | Manjunatha Nagara | | 1 | 12.00 | 7.60 | | 91.20 | | |
| | BTS Extention | | 1 | 8.50 | 6.75 | | 57.38 | | |

| | Description of Item | Unit | No | L | B | D | Qty | Rate | Amt |
|---|---|---|---|---|---|---|---|---|---|
| | Muthurayanakatte | | 1 | 11.00 | 5.00 | | 55.00 | | |
| | Bhuvaneswary Nagara | | 1 | 12.00 | 9.00 | | 108.00 | | |
| | Sidedahalli | | 1 | 20.00 | 6.40 | | 128.00 | | |
| | | | 1 | | | | 543.58 | | |
| | | | | | | | **929.60** | **2572.62** | **2391508** |
| | Basic rate | 2427.00 | | | | | | | |
| | Add Area weightage 6% | 145.62 | | | | | | | |
| | | 2572.62 | | | | | | | |
| 6 | Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 ... ... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading (P 113/17.1 SR 2016-17) | | | | | | | | |
| | | Cum | | | | | | | |
| | | | **Qty as per Item No 1** | | | | 85.90 | | |
| | **Top debries cleaning** | | | | | | | | |
| | Karekallu | | 1 | 13.00 | 8.00 | 0.25 | 26.00 | | |
| | Manjunatha Nagara | | 1 | 12.00 | 7.60 | 0.25 | 22.80 | | |
| | BTS Extention | | 1 | 8.50 | 6.75 | 0.25 | 14.34 | | |
| | Muthurayanakatte | | 1 | 11.00 | 5.10 | 0.25 | 14.03 | | |
| | Bhuvaneswary Nagara | | 1 | 12.00 | 8.30 | 0.30 | 29.88 | | |
| | Sidedahalli | | 1 | 20.00 | 6.40 | 0.25 | 32.00 | | |
| | | | | | | | **225.00** | **69.80** | **15705** |
| | Loading and Unloading Charges | 57.00 | | | | | | | |
| | Lead 4 Kms 2x1.28x4 | 12.80 | | | | | | | |
| | | 69.80 | | | | | | | |
| | | | | | | | **Sub total** | | **4272449** |
| 7 | Tender premium Charges 5% | | | | | | | | **213622** |
| 8 | GST Charges 12% | | | | | | | | **512694** |
| 9 | Miscellaneous & Unforessent Charges | | | | | | | | **1235** |
| | | | | | | | TOTAL Rs | | **5000000** |
| | **Rupees Fifty Lakhs Only** | | | | | | | | |

CERTIFICATE

1 The above Estimate has been prepared as per PWD SR 2016-17.

2 The Estimste has been prepared as per work spot.

3 The area comes under BBMP limit.

4 The above work is not included in any of the other programme.

Asst Engineer
Ward No -14
BBmp,Bangalore.

Asst Executive Engineer
T Dasarahalli Sub division
BBmp,Bangalore.

Executive Engineer
Dasarahalli sub division
BBmp,Bangalore.

ADMINISTRATIVELY SANCTIONED FOR

(Rupees 50,00,000/-

Fifty lakhs only) P: 1771

Under the Head of Account

Registered as no EE(D.D.)/AS 117 Subject to conditions contained in Enclosed Memo

No 117 /2019-20 Dt: 17-06-2019

Exe. Eng

JE/AE. (DASARAHALLI) BBMP

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ನಂ. CE/DZ/TS/20/3-19 ದಿನಾಂಕ : 02/02/2019

ರೂ. 50.00 Lakhs/- (Rs Fifty Lakhs Only)/-

ರಸ್ತೆ ಅಂಡಾಪು ಮತ್ತು ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಮುಖ್ಯ ಅಭಿಯಂತರರು

ತಾಂತ್ರಿಕ ಸಹಾಯಕರು ಜಿ.ಬಿ.ಎ.ಪಿ.

ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು.

Cancelled